

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 27262-47-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN 2-Piperidinecarboxamide, 1-butyl-N-(2,6-dimethylphenyl)-, (2S)- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2',6'-Pipicoloxylidide, 1-butyl-, (-)- (8CI)
CN 2-Piperidinecarboxamide, 1-butyl-N-(2,6-dimethylphenyl)-, (S)-

OTHER NAMES:

CN (-)-(S)-Bupivacaine
CN (-)-Bupivacaine
CN (S)-(-)-Bupivacaine
CN (S)-Bupivacaine
CN Chirocain
CN L-(-)-Bupivacaine
CN **Levobupivacaine**

FS STEREOSEARCH

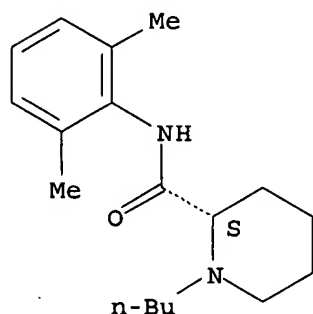
DR 41148-30-5

MF C18 H28 N2 O

CI COM

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, DDFU, DRUGU, EMBASE, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MRCK*, PHAR, PROMT, PROUSDDR, PS, RTECS*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (-).



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

438 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

441 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

=> d his full

(FILE 'HOME' ENTERED AT 14:25:52 ON 25 OCT 2007)

FILE 'REGISTRY' ENTERED AT 14:28:02 ON 25 OCT 2007

L1 0 SEA LEVOBUPIVACAINE/CN
L2 1 SEA LEVOBUPIVACAINE/CN
D L2

FILE 'ADISCTI, ADISINSIGHT, ADISNEWS, BIOSIS, BIOTECHNO, CAPLUS, DDFB, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ESBIODBASE, IFIPAT, IMSDRUGNEWS, IMSPRODUCT, IPA, KOSMET, LIFESCI, MEDLINE, NAPRALERT, NLDB, NUTRACEUT, PASCAL, PCTGEN, PHARMAML, ...' ENTERED AT 14:39:29 ON 25 OCT 2007

L3 59660 SEA L1 OR (CHIROCAIN OR BUPIVACAINE OR LEVOBUPIVACAINE) AND PD<2006
L4 60173 SEA L1 OR (CHIROCAIN OR BUPIVACAINE OR LEVOBUPIVACAINE OR BUPIVACAINE OR LEVOBUPIVACAINE) AND PD<2006
L5 25507 SEA L4 AND (SURGERY OR SURGICAL OR OPERATION OR OPERATIVE OR PROCEDURE)
L6 15938 SEA (CHIROCAIN OR BUPIVACAINE OR LEVOBUPIVACAINE OR BUPIVACAINE OR LEVOBUPIVACAINE)/AB, TI AND L5
L7 2898 SEA L6 AND (KNEE OR ORTHOPEDIC OR HIP OR JOINT OR REPLACEMENT)
L8 1230 DUP REM L7 (1668 DUPLICATES REMOVED)
L9 1230 DUP REM L8 (0 DUPLICATES REMOVED)
D L9 1-5 KWID
D L9 4
L10 5 SEA L9 AND EPINEPHRINE AND KETOROLAC
D L10 1-5 BIB, KWIC
D L10 1-5 ALL
D L10 1-5 ALL

FILE 'STNGUIDE' ENTERED AT 15:34:50 ON 25 OCT 2007

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 23 OCT 2007 HIGHEST RN 951288-30-5

DICTIONARY FILE UPDATES: 23 OCT 2007 HIGHEST RN 951288-30-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE ADISCTI

FILE COVERS 1998 TO 19 Oct 2007 (20071019/ED)

FILE LAST UPDATED: 19 OCT 2007 (20071019/ED)

Reloaded 23 September 2007; enter HELP RLOAD for details.

FILE ADISINSIGHT

FILE COVERS 1998 TO 18 Oct 2007 (20071018/ED)
FILE LAST UPDATED: 18 OCT 2007 (20071018/ED)

FILE ADISNEWS

FILE COVERS 1983 TO 25 Oct 2007 (20071025/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE BIOSIS

FILE COVERS 1926 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 24 October 2007 (20071024/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

FILE BIOTECHNO

FILE LAST UPDATED: 7 JAN 2004 <20040107/UP>
FILE COVERS 1980 TO 2003.
THIS FILE IS A STATIC FILE WITH NO UPDATES

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION AVAILABLE IN
/CT AND BASIC INDEX <<<

FILE CAPLUS

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 25 Oct 2007 VOL 147 ISS 18
FILE LAST UPDATED: 24 Oct 2007 (20071024/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

FILE DDFB

>>> FILE COVERS 1964 TO 1982 - CLOSED FILE <<<

FILE DGENE

FILE LAST UPDATED: 19 OCT 2007 <20071019/UP>

DGENE CURRENTLY CONTAINS 9,870,767 BIOSEQUENCES

>>> ONLINE THESAURUS AVAILABLE IN /PACO <<<

>>> DOWNLOAD THE DGENE WORKSHOP MANUAL:

http://www.stn-international.de/training_center/bioseq/dgene_wm.pdf

>>> DOWNLOAD COMPLETE DGENE HELP AS PDF:
http://www.stn-international.de/training_center/bioseq/dgene_help.pdf <<

>>> DOWNLOAD DGENE BLAST/GETSIM FREQUENTLY ASKED QUESTIONS:
http://www.stn-international.de/service/faq/dgenefaq.pdf <<<

>>> New data in the DGENE file in the Keywords (/KW), Cross
References (/CR) and Abstract (/AB) fields. Please see
HELP CHANGE for details. <<<

FILE DISSABS
FILE COVERS 1861 TO 26 SEP 2007 (20070926/ED)

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THE LICENSED MATERIALS OR ANY WARRANTY, EXPRESS OR IMPLIED,
INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A
PARTICULAR PURPOSE, AND SHALL NOT BE LIABLE FOR DAMAGES OF ANY
KIND OR LOST PROFITS OR OTHER CLAIMS RELATED TO THE LICENSED
MATERIALS OR THEIR USE.

FILE DRUGB
>>> FILE COVERS 1964 TO 1982 - CLOSED FILE <<<

FILE DRUGMONOG2

FILE IS CURRENT THROUGH 29 Aug 2007 (20070829/ED)

```
#####  
#  
#          !!! ATTENTION !!!  
#  
# Welcome to DRUGMONOG2. This file is available to all users.  
# To access drug pricing information, use DRUGMONOG, accessible  
# only to pharmaceutical organizations for reasons of  
# confidentiality.  
#  
# If you already have subscription status on any of the IMSworld#  
# files on STN and belong to a pharmaceutical organization, you #  
# should automatically have access to DRUGMONOG. If you belong #  
# to a pharmaceutical organization and would like to use  
# DRUGMONOG, please contact your STN Help Desk. If you do not #  
# need pricing information, use DRUGMONOG2.  
#  
# See HELP SUBSCRIPTION for more information.  
#####
```

FILE DRUGU
FILE LAST UPDATED: 19 OCT 2007 <20071019/UP>
>>> DERWENT DRUG FILE (SUBSCRIBER) <<<

>>> FILE COVERS 1983 TO DATE <<<
>>> THESAURUS AVAILABLE IN /CT <<<

FILE EMBAL

FILE COVERS CURRENT RECORDS AND IS UPDATED DAILY
FILE LAST UPDATED: 25 Oct 2007 (20071025/ED)

FILE EMBASE
FILE COVERS 1974 TO 25 Oct 2007 (20071025/ED)

EMBASE is now updated daily. SDI frequency remains weekly (default) and biweekly.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE ESBIODBASE

FILE LAST UPDATED: 23 OCT 2007 <20071023/UP>

FILE COVERS 1994 TO DATE.

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION AVAILABLE IN
/CC, /ORGN, AND /ST <<<

FILE IFIPAT

FILE COVERS 1950 TO PATENT PUBLICATION DATE: 18 Oct 2007 (20071018/PD)

FILE LAST UPDATED: 19 Oct 2007 (20071019/ED)

HIGHEST GRANTED PATENT NUMBER: US7284279

HIGHEST APPLICATION PUBLICATION NUMBER: US2007245440

UNITERM INDEXING IS AVAILABLE IN THE IFIUDB FILE

UNITERM INDEXING LAST UPDATED: 12 Oct 2007 (20071012/UP)

INDEXING CURRENT THROUGH PAT PUB DATE: 25 Sep 2007 (20070925/PD)

IFIPAT reloaded on 2/25/07. Enter HELP RLOAD for details.

FILE IMSDRUGNEWS

FILE COVERS 1995 TO 19 Oct 2007 (20071019/ED)

```
#####
#
#          !!! ATTENTION !!!
#
# Welcome to IMSDRUGNEWS. This is the Drug News file from
# IMSworld Publications.
#
# For detailed information regarding the printed version
# of this file, please contact IMS HEALTH Customer Services
# directly by phone at +44(0)20-7393-5888, or email
# globaldirect@uk.imshealth.com.
#
# See HELP SUBSCRIPTION for more information.
#####
```

This file contains CAS Registry Numbers for easy and accurate substance identification.

The file name was changed from DRUGNL to IMSDRUGNEWS on 7 Dec. 2003.
The file name DRUGNL is now an alias for IMSDRUGNEWS.

FILE IMSPRODUCT

FILE COVERS 1982 TO 27 Sep 2007 (20070927/ED)

```
#####
#
#          !!! ATTENTION !!!
#
# Welcome to IMSPRODUCT. A special subscriber rate is
# available to purchasers of the IMSworld publication,
# Drug Launches.
#
# For detailed information regarding eligibility and
# authorization for this subscriber discount, please contact
# IMS HEALTH Customer Services directly by phone
# at +44(0)20-7393-5888, or email globaldirect@uk.imshealth.com
# See HELP SUBSCRIPTION for more information.
#####
```


#####

The file name was changed from DRUGLAUNCH to IMSPRODUCT on 7 Dec. 2003.
The file name DRUGLAUNCH is now an alias for IMSPRODUCT.

FILE IPA
FILE COVERS 1970 TO 16 OCT 2007 (20071016/ED)

This file contains CAS Registry Numbers for easy and accurate
substance identification.

FILE KOSMET
FILE LAST UPDATED: 1 OCT 2007 <20071001/UP>
FILE COVERS 1968 TO DATE.

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION IS AVAILABLE
IN THE BASIC INDEX (/BI) FIELD <<<

FILE LIFESCI
FILE COVERS 1978 TO 23 Oct 2007 (20071023/ED)

FILE MEDLINE
FILE LAST UPDATED: 24 Oct 2007 (20071024/UP). FILE COVERS 1950 TO DATE.

This file contains CAS Registry Numbers for easy and accurate
substance identification.

FILE NAPRALERT
FILE COVERS 1650 TO 8 AUG 2005 (20050808/ED)

This file contains CAS Registry Numbers for easy and accurate
substance identification.

The NAPRALERT File is no longer being updated. *****

FILE NLDB
FILE COVERS 1988 TO 25 Oct 2007 (20071025/ED)

FILE NUTRACEUT
FILE LAST UPDATED: 8 OCT 2007 <20071008/UP>
FILE COVERS MAY 1996 TO DATE

FILE PASCAL
FILE LAST UPDATED: 22 OCT 2007 <20071022/UP>
FILE COVERS 1977 TO DATE.

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION IS AVAILABLE
IN THE BASIC INDEX (/BI) FIELD <<<

FILE PCTGEN
FILE LAST UPDATED: 18 OCT 2007 <20071018/UP>
MOST RECENT PCT PUB DATE: 18 OCT 2007 <20071018/PD>

PCTGEN CURRENTLY CONTAINS 5,694,987 BIOSEQUENCES

>>> DOWNLOAD THE PCTGEN WORKSHOP MANUAL:
http://www.stn-international.de/training_center/bioseq/pctgen_wm.pdf

>>> DOWNLOAD COMPLETE PCTGEN HELP AS PDF:
http://www.stn-international.de/training_center/bioseq/pctgen_help.pdf

>>> DOWNLOAD RUN BLAST/GETSIM FREQUENTLY ASKED QUESTIONS:
<http://www.stn-international.de/service/faq/dgenefaq.pdf> <<<

FILE PHARMAML
FILE LAST UPDATED: 24 OCT 2007 <20071024/UP>
FILE COVERS 1992 TO DATE

<<< DISPLAY PRICES FOR THE MOST CURRENT 4-WEEKS INFORMATION
DIFFER FROM THE PREVIOUS ONES ==> see HELP COST >>>

FILE PHIC
FILE COVERS CURRENT RECORDS AND IS UPDATED DAILY
FILE LAST UPDATED: 25 OCT 2007 (20071025/ED)

FILE PHIN
FILE COVERS 1980 TO 19 OCT 2007 (20071019/ED)

FILE SCISEARCH

FILE COVERS 1974 TO 18 Oct 2007 (20071018/ED)

SCISEARCH has been reloaded, see HELP RLOAD for details.

FILE TOXCENTER

FILE COVERS 1907 TO 23 Oct 2007 (20071023/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

The BIOSIS segment of TOXCENTER has been augmented with 13,000 records from 1946 through 1968.

The MEDLINE file segment has been updated with 2007 MeSH terms. and See HELP RLOAD for details.

TOXCENTER thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2007 vocabulary.

FILE USGENE
FILE LAST UPDATED: 22 OCT 2007 <20071022/UP>
MOST RECENT PUBLICATION DATE: 18 OCT 2007 <20071018/PD>

FILE COVERS 1982 TO DATE

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION (SLART) IS AVAILABLE
IN THE BASIC INDEX (/BI) AND FEATURE TABLE (/FEAT) FIELDS <<<

>>> FOR THE LATEST USGENE REFERENCE MATERIALS, PLEASE VISIT:
<http://www.stn-international.com/stndatabases/details/usgene-first-p.html>

>>> DOWNLOAD RUN BLAST/GETSIM FREQUENTLY ASKED QUESTIONS:
http://www.stn-international.com/training_center/bioseq/usgenefaq.pdf

>>> DOWNLOAD COMPLETE USGENE HELP AS PDF:
http://www.stn-international.de/training_center/bioseq/USGENE_HELP.pdf <<<

FILE USPATFULL
FILE COVERS 1971 TO PATENT PUBLICATION DATE: 23 Oct 2007 (20071023/PD)
FILE LAST UPDATED: 23 Oct 2007 (20071023/ED)
HIGHEST GRANTED PATENT NUMBER: US7287284
HIGHEST APPLICATION PUBLICATION NUMBER: US2007245440
CA INDEXING IS CURRENT THROUGH 23 Oct 2007 (20071023/UPCA)